

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"6862583".pn. and (hash\$3 or digest or signature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 12:55
L2	1	"7003667".pn. and (hash\$3 or digest or signature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 13:07
L3	154	(hash\$3 or digest or signature) near2 document same (print\$3 or fax\$3 or facsimile) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 13:10
L4	55	(hash\$3 or digest or signature) near2 document same (print\$3 or fax\$3 or facsimile) same (decrypt\$3 or authenticat\$3 or compar\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 13:59
L5	22	mazzagatte.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 13:53
L6	5	I5 and (signature or hash\$3 or digest\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 13:59
L7	1	I6 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 13:58
L8	724	(hash\$3 or digest or signature) same (print\$3 or fax\$3 or facsimile) same (decrypt\$3 or authenticat\$3 or compar\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 13:59

## EAST Search History

L9	444	(hash\$3 or digest or signature) with (decrypt\$3 or authenticat\$3 or compar\$3) same (print\$3 or facsimile or fax\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 14:02
L10	72	(hash\$3 or digest or signature) with document with (decrypt\$3 or authenticat\$3 or compar\$3) same (print\$3 or facsimile or fax\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 14:56
L11	1	"20020032862".pn. and (online or on-line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 15:04
L12	1	"7003667".pn. and certificat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 16:01
L13	1	"6862583".pn. and (timestamp or time-stamp or time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 16:02
L14	0	"6862583".pn. and date\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 16:02
S1	77	713/173.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:00
S2	62	S1 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 10:49

## EAST Search History

S3	18	fax and certificate\$2 and @ad<"20000825" and store same fax and list and identifier and authenticat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 09:41
S4	177	(machine or device) and certificate\$2 same (machine or device) and @ad<"20000825" and store\$2 near certificate\$2 and authenticat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 09:43
S5	177	S4 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 09:43
S6	198	713/175.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 10:50
S7	99	S6 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 11:04
S8	2	"5598473".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 11:32
S9	1	S8 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 11:35
S10	2	"5555307".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 11:40

## EAST Search History

S11	2	"5671285".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 11:53
S12	0	"5671285".pn. and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 11:53
S13	0	S11 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:07
S14	17	bisbee.in. and stephen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:12
S15	2	"5231668".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:13
S16	2	"5371794".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:13
S17	5	"522136".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:13
S18	2	"5222136".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:14

## EAST Search History

S19	2	"5465229".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:14
S20	2	"5671285".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:53
S21	2	"6079018".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:16
S22	38	380/246.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:17
S23	29	S22 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:31
S24	2	"4961224".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:32
S25	2	"5509074".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:35
S26	169	harrison.in. and keith.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:35

## EAST Search History

S27	85	S26 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:36
S28	84	S27 not hollister.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:37
S29	0	richard.in. and brown.in. and bristol.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:37
S30	2365	richard.in. and brown.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:37
S31	164	(fax or facsimile) and (hash or digest) and @ad<"20000825" and certificate\$2 and log and (verif\$4 or authenticat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 12:39
S32	2	"5191611".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 13:25
S33	2	"5555307".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 14:10
S34	0	S33 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 14:11

## EAST Search History

S35	0	S33 and digest	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 14:11
S36	2	"5671285".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 14:12
S37	0	S36 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 14:12
S38	0	S36 and batch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 14:13
S39	2	"6385728".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 14:13
S40	2	"6385728".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 15:17
S41	1	S40 and (store or storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 15:23
S42	1	S40 and (store or storage) same certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 15:47

## EAST Search History

S43	1	S42 and (log or logs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 15:47
S44	1	S43 and serial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/11 16:54
S45	2	"5258998".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:51
S46	28	380/244.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:52
S47	6	S46 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:51
S48	1	S46 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:52
S49	21	380/245.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:53
S50	0	S49 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:53



## EAST Search History

S51	161	380/243.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:55
S52	11	S51 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:04
S53	2	"5805712".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:04
S54	1	S53 and (fax or facsimile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:04
S55	1	S54 and (log or list or database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:08
S56	114	(log or list or database or store) near certificate\$2 and @ad<"20000825" and (fax or facsimile or print\$3) and (authenticat\$4 or verif\$4 or verification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 08:44
S57	2	"5671285".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:23
S58	0	S57 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:23

## EAST Search History

S59	2	"5473691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:53
S60	0	S59 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:53
S61	2	"5448045".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:54
S62	0	S61 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 12:54
S63	137	(log or list or database or store) near certificate\$2 and @ad<"20000825" and (fax or facsimile or print\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 08:48
S64	114	(log or list or database or store) near certificate\$2 and @ad<"20000825" and (fax or facsimile or print\$3) and (authenticat\$4 or verif\$4 or verification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 08:45
S65	23	S63 not S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 08:45
S66	2	(log or list or database or store or cache) near certificate\$2 and @ad<"20000825" and (fax or facsimile or print\$3) not (S64 or S65)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 08:49

## EAST Search History

S67	708	(log or list or database or store or cache) same certificate\$2 and @ad<"20000825" and (fax or facsimile or print\$3) not S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 08:50
S68	253	(log or list or database or store or cache) same certificate\$2 and @ad<"20000825" and (fax or facsimile) not S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:11
S69	38	380/246.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:11
S70	29	S69 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:11
S71	6	S70 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 11:56
S72	2	"5633932".pn. and (fax or facsimile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:30
S73	2	"5509074".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:31
S74	0	S73 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 09:31

## EAST Search History

S77	1	scan near document and digest near creat\$4 and authentic\$4 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 12:01
S78	7	scan\$4 same document and digest near (creat\$4 or new) and authentic\$4 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 12:03
S79	1	"6385728".pn. and printed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 12:12
S80	4	compar\$4 near digest\$2 and scan\$4 near document and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 14:32
S81	10128	popov.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 14:32
S82	6	S81 and ivaylo.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 14:32
S83	234	380/243-246.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:02
S84	140	S83 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:03

## EAST Search History

S85	54	S84 and (authenticat\$4 or verif\$4) and (plurality or users)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:12
S86	2	S84 and (authenticat\$4 or verif\$4) near (plurality or users)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:15
S87	292	(authenticat\$4 or verif\$4) and plurality and envelop\$4 same key and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:14
S88	174	S87 and (fax or printer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:14
S89	154	S88 and (secure or security)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:14
S90	43	S89 and (authenticat\$4 or verif\$4) same plurality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:18
S91	4738	France.asn. and telecom.asn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:19
S92	4706	France adj telecom.asn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:19

## EAST Search History

S93	45	S92 and herve.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:19
S94	8	S93 and corre.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:21
S95	31	tanaka.in. and hatsuichi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:29
S96	38	digital adj certificate same authentica\$3 and certificate same transmit\$3 and authentica\$3 near user and (fax or printer) and @ad<"20000801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:42
S97	17	mandelbaum.in. and richard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:43
S98	2	"4900902".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:44
S99	2	"5353124".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:46
S10 0	0	S99 and certificat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:46

## EAST Search History

S10 1	1	S99 and (group or plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:46
S10 2	2	"5307411".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:47
S10 3	2	"5258998".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:48
S10 4	2	"5227613".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:48
S10 5	17	authenticat\$4 near receiver and authenticat\$4 same certificate and @ad<"20000801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:54
S10 6	2	"5633932".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:54
S10 7	1	S106 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 17:55
S10 8	1	S106 and token\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/19 18:06

## EAST Search History

S109	17	mandelbaum.in. and richard.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:28
S110	2	"5552897".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:28
S111	0	S110 and signature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:28
S112	0	S110 and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/23 13:28
S113	9	(713/173.ccls. or 713/175.ccls. or 380/243-246.ccls.) and @ad<"20000825" and @pd>"20050111"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 17:16
S114	2	"5448045".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/05 13:19
S115	2	"5473691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/05 13:19
S116	206	encrypt\$3 with session adj key with public adj key and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 14:38



## EAST Search History

S11 7	0	encrypt\$3 with session adj key with public adj key and (smartcard\$2 or smart adj card\$2) with decrypt\$3 with session adj key with public adj key and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 13:56
S11 8	16	encrypt\$3 with session adj key with public adj key and (smartcard\$2 or smart adj card\$2) with decrypt\$3 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 13:56
S11 9	58	S116 and (fax or facsimile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 14:38
S12 0	17	S119 and (smart adj card or smartcard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 14:39
S12 1	9	S120 and (smart adj card or smartcard) same decrypt\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:12
S12 2	162	\$2lock\$4 same (print\$3 or fax or facsimile) same (smart adj card of smartcard) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:14
S12 3	22	(lock\$4 or unlock\$4) same (print\$3 or fax or facsimile) same (smart adj card of smartcard) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:25
S12 4	4	lock\$4 with (compartment\$2 or drawer\$2) same (smart adj card of smartcard) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:28

## EAST Search History

S12 5	76	lock\$4 with (compartment\$2 or drawer\$2) with print\$3 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:28
S12 6	26	lock\$4 near2 (compartment\$2 or drawer\$2) with print\$3 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:33
S12 7	5	lock\$4 near2 (compartment\$2 or drawer\$2) with (fax or facsimile) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:41
S12 8	0	print\$2 near2 document near as adj received and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:44
S12 9	0	"6378070".pn. and lock\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:45
S13 0	8	"6181436".pn. "6163383".pn. "5596718".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:49
S13 1	445	(fax or facsimile or print\$3) with print\$3 and (smart adj card or smartcard) with (access\$2 or unlock\$3 or unblock\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:50
S13 2	40	(fax or facsimile or print\$3) with print\$3 near document\$2 and (smart adj card or smartcard) with (access\$2 or unlock\$3 or unblock\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:53

## EAST Search History

S13 3	2	(smart adj card or smartcard) with (access\$2 or unlock\$3 or unblock\$3 or lock\$3 or authoriz\$3 or authenticat\$3) same (printed or retained or locked) near document and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:57
S13 4	2437	(fax or facsimile or printer) with lock\$4 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 16:58
S13 5	3	(fax or facsimile or printer) same lock\$4 with printed near document\$2 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:00
S13 6	135	(fax or facsimile or printer) with lock\$4 with (drawer\$2 or section\$2 or compartment\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:01
S13 7	5	(fax or facsimile or printer) with lock\$4 with (drawer\$2 or section\$2 or compartment\$2) with (document\$2 or file\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:03
S13 8	0	lock\$4 with (drawer\$2 or section\$2 or compartment\$2) with print\$2 near (document\$2 or file\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:03
S13 9	137	lock\$4 with (drawer\$2 or section\$2 or compartment\$2) near (document\$2 or file\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:03
S14 0	12	lock\$4 with (drawer\$2 or section\$2 or compartment\$2) near (document\$2 or file\$2) and (fax or facsimile or printer\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 17:05

## EAST Search History

S14 1	11	(smart adj card\$2 or smartcard) with print\$2 near2 (document\$2 or file\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 18:10
S14 2	0	"6378070".pn. and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/07 18:11
S14 4	2	"6862583".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 12:59
S14 5	1	S144 and certificat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 14:52
S14 6	0	S144 and (digest or signature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 14:54
S14 7	0	S144 and (hash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 14:54
S14 8	0	S144 and hash\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 14:54
S14 9	2	"5912974".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 13:38
S15 0	25	("5912974").URPN.	USPAT	OR	OFF	2005/09/21 10:31

## EAST Search History

S15 1	16	S150 and @ad<"20000825"	USPAT	OR	OFF	2005/09/21 10:45
S15 2	1	"6839879".pn. and (hash\$3 or digest or signature)	USPAT	OR	OFF	2005/09/21 10:46
S15 3	21	"5581637".pn. "5544045".pn. "5504818".pn. "5483604".pn. "5471533".pn. "5465299".pn. "5455941".pn. "5453605".pn. "5449896".pn. "5449895".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 13:44
S15 4	248	authentikat\$3 near4 printed and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 13:45
S15 5	29	authentikat\$3 near4 printed same (digest\$2 or signature\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:29
S15 6	23	authentikat\$3 near4 physical same (digest\$2 or signature\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 14:35
S15 7	21	S156 not S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 14:38
S15 8	3	scan\$4 near3 (printed or physical) adj document same (digest\$2 or signature\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 14:40
S15 9	45	scan\$4 near3 (physical or printed) same (digest\$2 or signature\$2) and @ad<"20000825" not S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 14:47

## EAST Search History

S16 0	123	scan\$4 near3 document same (digest\$2 or signature\$2) and @ad<"20000825" not S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 14:50
S16 1	14	scan\$4 near3 document same (digest\$2 or signature\$2) same (compar\$3 or authenticat\$3) and @ad<"20000825" not S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 14:53
S16 2	2	"5157726".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:09
S16 3	2	"20020032862".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:11
S16 4	1	"6385728".pn. and physical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:13
S16 5	1	"6385728".pn. and printed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:21
S16 6	0	identifier with printed near2 document same authenticat\$3 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:22
S16 7	18	identifier with printed same authenticat\$3 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:26

## EAST Search History

S16 8	14	identifier with printed same (signature or digest) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:26
S16 9	14	S168 not S162	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 15:29
S17 0	35	verif\$3 near4 printed same (digest\$2 or signature\$2) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/21 16:00
S17 1	2	"20020147525".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 18:04
S17 2	2	"5629981".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 08:04
S17 3	88	(fax or facsimile or print\$3) same print\$3 near3 (document or file or message) with lock\$4 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 08:22
S17 4	1	"20020054334".pn. and pin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:02
S17 5	2	"5602973".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 08:36

## EAST Search History

S17 7	2	"6862583".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:11
S17 8	0	each near2 recipient\$2 with prov\$3 near3 identit\$3 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:11
S17 9	0	(each or all) near4 recipient\$2 with prov\$3 near3 identit\$3 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:22
S18 0	0	(each or all) near4 recipient\$2 same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:17
S18 1	0	(each or all) with (prov\$3 or proof) near3 identit\$3 same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:18
S18 2	0	(each or all) with (prov\$3 or proof or identit\$3) same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:19
S18 3	0	(each or all) with (prov\$3 or proof or identit\$3 or \$5card) same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:20
S18 4	2	"5629981".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:20



## EAST Search History

S18 5	849	recipients same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:22
S18 6	1	recipients with identities same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:23
S18 7	0	(each or all) with recipients same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:23
S18 8	1	recipients with (proof or prov\$3) same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:25
S18 9	22	recipient\$2 with (proof or prov\$3) same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:28
S19 0	0	(each or all) near4 receiver\$2 with (proof or prov\$3) same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:28
S19 1	133	receiver\$2 with (proof or prov\$3) same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:28
S19 2	2	receivers with (proof or prov\$3) same (fax or facsimile or print\$3) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:28

## EAST Search History

S19 3	0	"20020054334".pn. and decrypt\$3 with session same public	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:02
S19 4	1	"20020054334".pn. and decrypt\$3 with session	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:02
S19 5	4	encrypt\$3 with multiple adj public adj key\$2 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 16:04
S19 6	15	encrypt\$3 with plurality adj public adj key\$2 and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 16:04
S19 7	10	(713/173.ccls. or 713/175.ccls. or 380/243-246.ccls.) and @ad<"20000825" and @pd>"20050601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 17:16
S19 8	2	"20020032862".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:01
S19 9	1	S198 and certificat\$3 with (authentikat\$3 or validat\$3) same print\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 15:01
S20 0	2	"6862583".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 08:43

## EAST Search History

S20 1	2	"5598473".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:00
S20 2	1	S200 and facsimile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:02
S20 3	2	"5633932".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:12
S20 4	1	"6862583".pn. and certificat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:19
S20 6	0	S200 and (hash\$3 or digest\$3 or signature or sign\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:35
S20 7	174	mandelbaum.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:40
S20 8	0	"5552897".pn. and (digest or hash\$3 or signature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:41
S20 9	2	"5633932".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:51

## EAST Search History

S21 0	1	S209 and (signature or digest or hash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:56
S21 1	539	(signature or digest or hash\$3) same (smart adj card or smartcard) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:50
S21 2	0	"5671285".pn. and certificate\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 09:59
S21 3	1	"7003667".pn. and certificat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:16
S21 4	1	"7003667".pn. and (hash\$3 or digest or signature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 12:54
S21 5	37	(signature or digest or hash\$3) same (smart adj card or smartcard) same (print\$3 or fax or facsimile) and @ad<"20000825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 10:50